

REMARKS

Claims 1-25 are pending in the application. Claims 1-25 are rejected. Claims 1 and 12 have been amended. Claims 6 and 15 have been canceled.

Claims 1-4, 7, 12, 14, and 16 were rejected under 35 USC102(e) as being anticipated by Garlepp. Claims 5, 8, 10, 11, 13, 17, and 19 were rejected under 35 USC 103(a) as being unpatentable over Garlepp in view of Park. Claims 6 and 15 were rejected under 35 USC 103(a) as being unpatentable over Garlepp in view of Chen. Claims 9 and 18 were rejected under 35 USC 103(a) as being unpatentable over Garlepp in view of Tonietto. Claims 20, 23, and 25 were rejected under 35 USC 103(a) as being unpatentable over Garlepp in view of Park, and further in view of Chen. Claim 21 was rejected under 35 USC 103(a) as being unpatentable over Garlepp in view of Park, and further in view of Chen, and further in view of Sakaki. Claims 22 and 24 were rejected under 35 USC 103(a) as being unpatentable over Garlepp in view of Park, and further in view of Chen, and further in view of Tonietto. Claims 1, 12, and 20 include "...a sensitivity test process in which the at-speed sensitivity of the equalizer can be determined, the process includes disabling the input amplifier, providing a predetermined set of tap coefficients to the filter, determining if the sampler generates a repeating pattern associated with the set of tap coefficients, and repeating the sensitivity test process with other predetermined sets of tap coefficients until the sampler no longer determines the repeating pattern associated the set of tap coefficients provided to the filter." The references of record do not show, teach, or suggest the above recited limitations of claims 1, 12, and 20. The Garlepp and Chen references do not disclose "repeating the sensitivity test process with other predetermined sets of tap coefficients until the sampler no longer determines the repeating pattern associated the set of tap coefficients provided to the filter". Therefore, claims 1-25 are believed to be allowable over the references of record.

It is believed that the above remarks and amendments are fully responsive to the Official Action. Reconsideration and allowance are therefore respectfully requested.

Should the Examiner have further inquiry concerning these matters, please contact the below named attorney for Applicant.

Respectfully submitted,

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